



AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

A Unit of Laxmi Memorial Education Trust

(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belgaavi)

Date: 03-01-2023

Report on Technical Talk on "AI ML Application for IoT"

| | | | | | |
|--|--|-----------------------------|---------------------------------------|---------|----|
| Name of the Program: | AI ML Application for IoT | Program Dates & Timings: | 03-01-2023 10:30 am to 12:30 am | | |
| Name & Details of the Resource Person: | Mr. Prashanth Kannadaguli Senior Data Science Trainer Dhaarini Academy, Bengaluru | | | | |
| Organized by (Clubs/ Dept.) | Department of CSE | In Association with (clubs) | IoT Club and ENIGMA | | |
| Number of Participants | 236 | Students | 224 | Faculty | 12 |
| Program Outcome (PO) Mapping | PO1, PO2, PO3, PO4, PO6, PO12 | | | | |
| Coordinators | Ms. Nikhila, Assistant Professor, Department of CSE Mr. Vinayak Pai, Assistant Professor, Department of CSE | | | | |

About the Program:

The Department of Computer Science and Engineering in association with IoT and Developers community Club and ENIGMA – Student Association organized a Technical Talk on the topic "AI ML Application for IoT" on 3rd January 2023, Tuesday at 10:30 A M in Seminar Hall -3. Mr. Prashanth Kannadaguli, Senior Data Science Trainer in Dhaarini Academy Bengaluru was the resource person for the event. Students from various branches participated in the talk.

The Event Started with the formal function. Ms. Anvitha Rao from 3rd Year CSE was the MC for the event. The Welcome speech was given by Ms. Tejaswi 3rd Year CSE. Mr. Suraj from 4th year CSE gave a brief introduction about the IoT Club. Mr. Aneesh from 4th year CSE gave a brief introduction about the speaker. Finally, the formal event concluded with the vote of thanks given by Mr.

Abhishek from 4th year CSE. Ms. Nikhila coordinator IoT/Student Development club and Mr. Vinayak G Pai Coordinator ENIGMA-Student Association coordinated the event.

The Technical Session started with a brief introduction to AI, ML and how one can use these techniques along with IoT with build projects that would solve complex problems of the society. The speaker explained in detail about the various tools that can be used in ML and also mentioned the difference between Artificial Intelligence, Machine Learning and Deep Learning and the role of IoT in all the above technologies. He also briefed about the classification of Machine learning with examples and also explained about various types of problem and the different analysis techniques. Finally, few applications of IoT which used Artificial Intelligence, Machine Learning was demonstrated.

Objectives: The program Technical Talk on “AI ML Application for IoT” enable students/ faculty to

- Demonstrate their ability to adapt to a rapidly changing environment by having learned and applied new skills and new technologies.
- Develop the skills that will prepare them for lifelong learning in advanced areas of Internet of Things

Outcomes: On successful completion of program of this Technical Talk the student should able to:

1. Understand the application of AI ML in Internet of Things and apply the Learned skills to solve complex problems in the society.
2. Develop the skill that will prepare them for Learning advanced concepts of IoT


Articulation Matrix:

| Course Outcomes | Program Outcomes | | | | | | | | | | | |
|-----------------|------------------|---|-----|---|---|---|---|---|---|----|----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| 1 | 3 | | 2 | 2 | | 1 | | | | | | 1 |
| 2 | | 2 | 1 | | | | | | | | | 2 |
| Average | 3 | 2 | 1.5 | 2 | | 1 | | | | | | 1.5 |

Photos:




Coordinator


HOD
H.O.D. - Computer Science & Engineering
A.J. INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mangaluru - 575 006, D.K., Karnataka


Principal
Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575 006